Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

ame of Work: Providing New boards & Repaint the Boards in Ward No 13 in in Shettyhalli Sub vision.

Est .Cost Rs. 10.00 Lakhs

Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. Page No. 142 / Item No. 19.1/ PWD SR 2016-17								
At main and cross roads	Cum	102	0.6	0.6	0.80	29.37	~~88.56~~	~~2601.00~~
Basic Rate	82.00						86.92	2553
Area Weightage @ 6%	~~6.56~~	4.92						
Total	~~88.56~~	86.92						
Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.134 of PWDSR 2016-17)							74.40	
	Cum	Vide Item No. 1				29.37	~~78.97~~	~~2319.00~~
Average weight of earth 1.28 tonne / kg for 2x1.28x2.00=5.12 = 2.50×1.28×2	~~5.12~~ 6.40							2185
Add loading and unloading charges Vide item no.17.1 P.no.134	68.00							
	~~73.12~~	74.40						
Area Weightage @ 6%	5.85							
Total	~~78.97~~							
KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregares @ 0.465 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. No. 12/ Item No. 4.2/ PWD SR 2016-17								
for Sign Boards	Cum	102	0.60	0.60	0.20	7.34		
						7.34	~~5449.68~~	~~40022.00~~
Basic Rate	5046.00						5348.76	39260
Area Weightage @ 6%	~~403.68~~	302.76						
Total	~~5449.68~~	5348.76						
KSRB- 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2, No. 12/ Item No. 4.5/ PWD SR 2016-17								
for Sign Boards	Cum	102	0.60	0.60	0.60	22.03		129416
						22.03	~~5985.36~~	~~131869.00~~
Basic Rate	5542.00						5874.52	~~129493~~
Area Weightage @ 6%	~~443.36~~	332.52						
Total	~~5985.36~~	5874.52						

5	Supplying of MS steel name boards as per approved design and specification complete with all leads and lifts as per the direction of the Engineer-in-charge of the work (Data rate approved)							
		No.	102				102.00	
							102.00	5203.00 530706.00
	KSRB- 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Item No. 15.74, P. 121/ PWD SR 2016-17)							
	sides of face board	2	102	0.45	0.45		20.65	
	cylindrical pole	1	102	2.40	0.31		76.86	
	side of board, alround	1	102	1.80	0.05		9.18	
	old Board	2	236	0.45	0.45		95.58	
	cylindrical pole	1	236	2.40	0.31		177.85	
							380.12	88.56 33663.00
	Basic Rate	82.00						86.92 33040
	Area Weightage @~~6~~8%	~~6.56~~ 4.92					Sqm	
	Total	~~88.56~~ 86.92						
	KSRB- 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after thoroughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, laour complete as per specifications. (Item No. 15.73, P. 121/ PWD SR 2016-17)							
	Quantity vide item no. 6	Sqm					380.12	
							380.12	~~31.32~~ ~~11905.00~~
	Basic Rate	29.00						30.74 11685
	Area Weightage @~~6~~8%	~~2.32~~ 1.74						
	Total	~~31.32~~ 30.74						
	KSRRBM800-9: Painting new letter and figures of any shade with synthetic enamel paint black or nay other approved colour to give an even shade complete as per specifications ("ii) Hindi (Matras commas and the like not to be measured and paid for half letter shall be counted as half) . (P. 184, I. 24.9, SR 2016-17)							
	Sign Boards - new ones	cm	102	900.00			91800.0	
	Sign Boards - old ones	cm	236	900.00			212400.0	0.795
							304200.0	~~0.81~~ ~~246402.00~~
	Basic Rate	0.75						241839
	Area Weightage @~~6~~8%	~~0.06~~ 0.045						
	Total	~~0.81~~ 0.795						
								9284
	Miscellaneous charges							~~513.00~~
								Total 1000000.00

(Rupees Ten Lakhs Only)

ERTIFICATE:

The work spot has been inspected and the work is found necessary.
This estimate is prepared as per PWD SR of 2016-17 and Approved Rates.
The provisions were made in this estimate are necessary and adequate.
This works come under B.B.M.P. limits.

Assistant Engineer
Ward 13

Assistant Executive Engineer
Shettyhalli Sub Division
BBMP

Executive Engineer
Dasarahalli Division
BBMP

ಸಂ.EE/DD/AA/39/16-17 ದಿನಾಂಕ : 30.12.16

ರೂ. Ten lakhs only.

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ಸಂ. EE/DD/TS/56/16-17 ದಿನಾಂಕ : 30.12.16

ರೂ. Ten lakhs only

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಕಾರ್ಯಪಾಲಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

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